Agent 2004 Conference
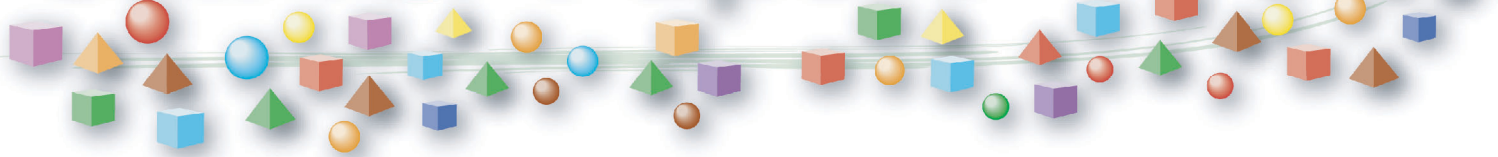
Call for Papers

Social Dynamics:
Interaction, Reflexivity and Emergence

Gleacher Center — The University of Chicago
Repast Training Course, October 4–6, 2004
Conference Papers, October 7–9, 2004

No fee required.

The horizon for understanding and building computational models of social dynamics is diverse and growing. Identifying this horizon allows knowledge to accumulate and further empowers researchers to build on previous successes. Agent 2004 seeks to "map" this horizon and provide a forum for researchers to discuss the present and future of social agent-based simulation.

No list of topics will be exhaustive, but many micro-macro models of social dynamics will focus on interaction, reflexivity and emergence, including how they can best work together in computational implementations. Relevant mechanisms might include agent aspect and typification, innovative approaches to abstraction, ways in which indexicality and endogeneity contribute to agent inference and action selection, and tools and techniques that help us realize emergent concepts and theories.

What major issues must be resolved to achieve our goals? How can partial results be validated? What critical tests will allow us to assess alternate approaches? How can modeling innovations best be applied to application domains? In considering such questions, Agent 2004 will revisit three topics:

- Computational Social Theory   **David Sallach (sallach@uchicago.edu)**
- Social Simulation Applications   **Charles Macal (macal@anl.gov)**
- Methods, Toolkits & Techniques   **Michael North (north@anl.gov)**

Agent 2004 will reserve one day for each topic. We encourage submissions to indicate under which topic they might best be considered.

Dates:
- **June 17, 2004**   **Abstract Deadline**
- **July 16, 2004**   **Notification of Acceptance**
- **September 10, 2004**   **Final Paper Deadline**

If you are interested in presenting a paper, please submit an abstract of at least 500 words to **agent2004@anl.gov**. If your abstract is accepted, you will be asked to submit a paper of 2,500 to 4,000 words in final form. Paper format guidelines are available at the conference Web site at **agent2004.anl.gov**. Papers presented at the conference will be published in the *Agent 2004 Proceedings*.

agent2004.anl.gov

Registration required.

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